

Title (en)  
DETERMINATION OF OPTICAL PROPERTIES OF A DEVICE UNDER TEST IN BOTH DIRECTIONS IN TRANSMISSION AND IN REFLECTION

Title (de)  
BESTIMMUNG DER OPTISCHEN EIGENSCHAFTEN EINER TESTVORRICHTUNG IN BEIDEN RICHTUNGEN, IN TRANSMISSION UND IN REFLEXION

Title (fr)  
DETERMINATION DE PROPRIETES OPTIQUES D'UN DISPOSITIF A L'ESSAI DANS LES DEUX DIRECTIONS EN TRANSMISSION ET EN REFLEXION

Publication  
**EP 1468262 A1 20041020 (EN)**

Application  
**EP 02703558 A 20020117**

Priority  
EP 0200429 W 20020117

Abstract (en)  
[origin: WO03060458A1] The present invention relates to a method and a measurement setup for determination of optical properties of a device under test (DUT) (6) in both directions in transmission and in reflection, comprising: a coding device (81, 281, 201, 202, 203) distinguishable coding at least two parts (80-f1, 80-f2) of a provided measurement signal (80), feeding elements (4a, 4b) feeding the at least two parts (80-f1, 80-f2) into the DUT (6) from both directions, receiving elements (106, 206, 108, 208) receiving the signals from both directions transmitted and reflected by the DUT (6), identifying at least the coded parts (80-f1, 80-f2) in the signals transmitted and reflected by the DUT (6), and analyzing at least the identified parts (80-f1, 80-f2) to determine at least one optical property of the DUT (6) from both directions in transmission and in reflection.

IPC 1-7  
**G01M 11/00**

IPC 8 full level  
**G01M 11/02** (2006.01); **G01M 11/00** (2006.01)

CPC (source: EP US)  
**G01M 11/3181** (2013.01 - EP US); **G01M 11/33** (2013.01 - EP US); **G01M 11/331** (2013.01 - EP US); **G01M 11/39** (2013.01 - EP US)

Citation (search report)  
See references of WO 03060458A1

Citation (examination)  
• WO 0120289 A1 20010322 - NASA [US]  
• US 5764348 A 19980609 - BLOOM CARY [US]

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 03060458 A1 20030724**; EP 1468262 A1 20041020; JP 2005515428 A 20050526; US 2005121633 A1 20050609; US 7268342 B2 20070911

DOCDB simple family (application)  
**EP 0200429 W 20020117**; EP 02703558 A 20020117; JP 2003560505 A 20020117; US 50059605 A 20050124